

IN THE DRAWINGS:

The enclosed sheet of drawings includes a correction to Fig. 6. Specifically, Fig. 6 has been revised to change the reference numeral "136" to --136'--. No new matter has been added.

The enclosed replacement sheet, which includes Figs. 6 and 6A, replaces the original sheet including Figs. 6 and 6A.

REMARKS

The communication dated July 21, 2005, has been received and reviewed.

Claims 1-29 are currently pending in the above-referenced application.

Entry of the amendments presented above and consideration of the ensuing remarks are respectfully solicited.

Restriction Requirement

Claims 1-29 are subject to a restriction requirement.

The Office asserts that the claims are directed to the following, purportedly separate, inventions:

Group I – claims 1-19, drawn to method for fabricating an interposer, purportedly classified in class 29 (metal working), subclass 830 (which includes mechanical manufacture (subclass 592) or electrical devices (subclass 592.1) and, more specifically, manufacture of conductors or circuits (subclass 825) on flat or curved insulated bases; *e.g.*, circuit boards (class 829) by assembling bases (subclass 830));

Group II – claims 20-25, drawn to a method for fabricating an interposer, classified in class 29 (metal working), subclass 846 (which includes manufacture of conductors or circuits of electrical devices on or in insulated bases); and

Group III – claims 26-29, drawn to a method for fabricating an interposer, classified in class 29 (metal working), subclass 840 (which includes use of metal fusion techniques to manufacture conductors or circuits on insulated electrical device bases).

The restriction requirement makes no sense. None of claims 1-29 is drawn to a method for fabricating conductors or circuits of an electrical device. Rather, each of claims 1-29 recites a method for fabricating an interposer that includes a fence. Each of these claims, particularly independent claims 1, 20, and 26, specifies the processes by which the fence is fabricated. None

of these processes falls within any of the subclasses that have been identified by the Office. Moreover, although there are differences between independent claims 1, 20, and 26, it is believed that the art that is relevant to the subject matter recited in these claims, as well as in the claims depending therefrom, could be located by a single search.

Therefore, the restriction requirement is improper and, thus, is traversed.

In any event, an election is hereby made (again, with traverse), to prosecute claims 1-19 of Group I.

Election of Species Requirement

The Office has also identified four species of invention:

Species IA – shown in Figs. 1-5, which includes a method for fabricating an interposer that includes a fence and material over portions of a top surface of the interposer;

Species IB – shown in Figs. 6 and 6A, which includes a method for fabricating an interposer that includes a fence with laterally recessed areas in the corners thereof;

Species IC – shown in Fig. 7, which includes a method for fabricating an interposer with a fence located at or near the edges thereof and without material over portions of the top and bottom surfaces of the interposer; and

Species ID – shown in Fig. 8, which includes a method for fabricating an interposer with a fence and material cover portions of both the top and bottom surfaces of the interposer.

An election is hereby made, without traverse, to prosecute the claims that read on Species 1B.

It is respectfully submitted that claims 1-5, 7-10, 13-20, 24-26, 28, and 29 read on Species 1B. It is further submitted that at least independent claims 1, 20, and 26 are generic to Species 1B, as well as to the other three species (*i.e.*, Species 1A, 1C, and 1D) that have been identified by the Office.

Information Disclosure Statements

Please note that Information Disclosure Statements were filed in the above-referenced application on August 26, 2003, December 15, 2003, August 27, 2004, September 15, 2004, and January 24, 2005, but that the undersigned attorney has not yet received any indication that the references cited in these Information Disclosure Statements have been considered in the above-referenced application. It is respectfully requested that the references cited in the above-listed Information Disclosure Statements be considered and made of record in the above-referenced application and that initialed copies of the Forms PTO/SB/08A that accompanied these Information Disclosure Statements be returned to the undersigned attorney as evidence of such consideration.

If any of the documents or any portion thereof is not available to the Office, the undersigned attorney would be happy to supply a copy thereof to the Office.

CONCLUSION

An early and favorable action on the merits of claims 1-29 is respectfully solicited.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Brick G. Power", with a long horizontal flourish extending to the right.

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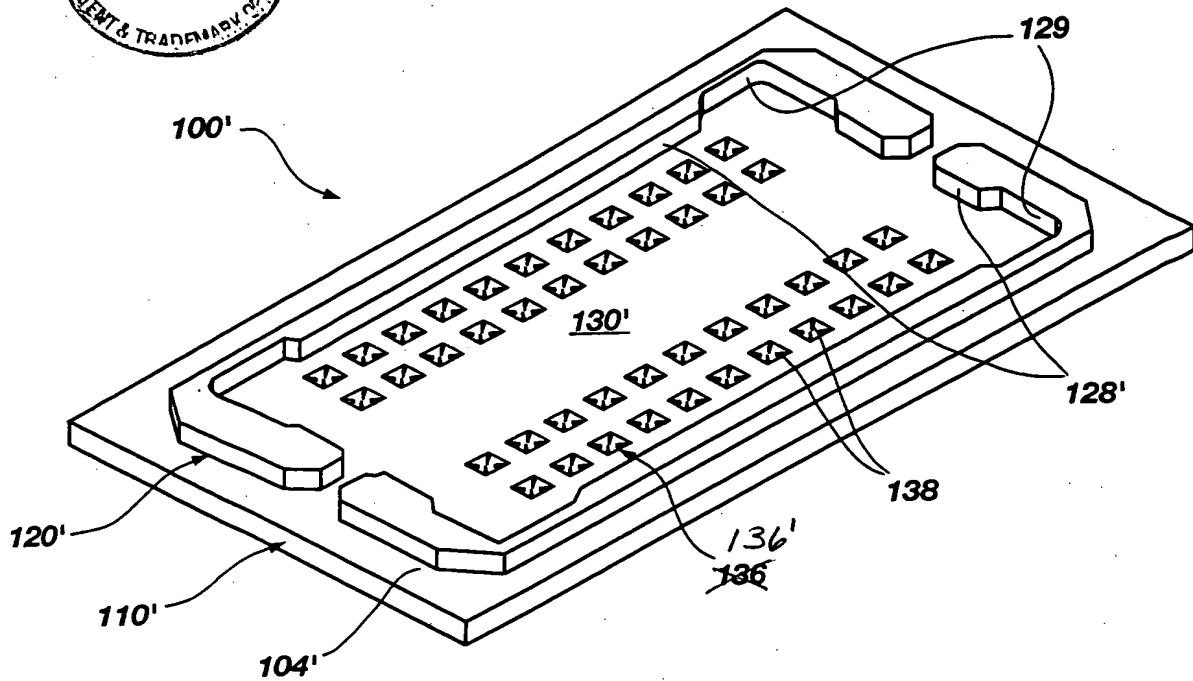


Fig. 6

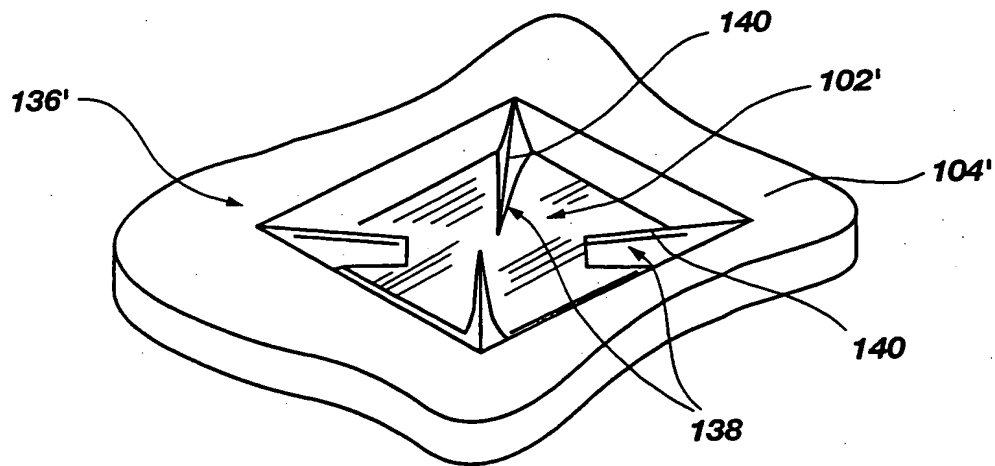


Fig. 6A